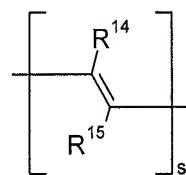
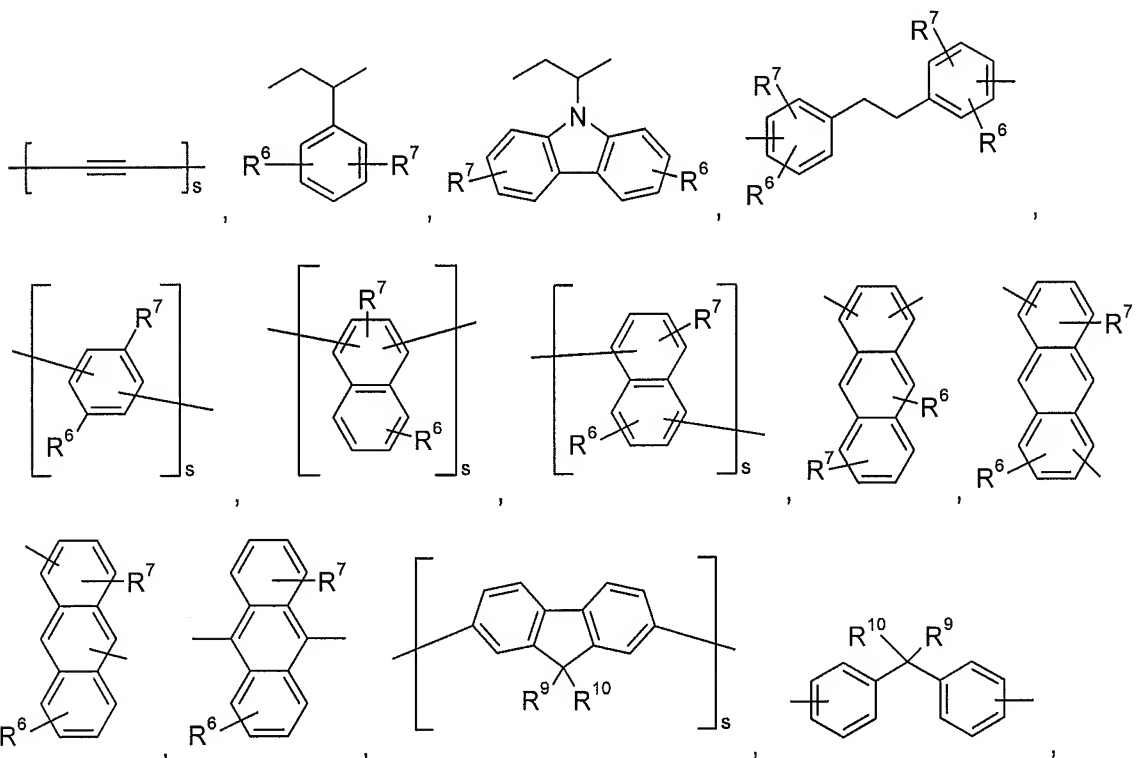


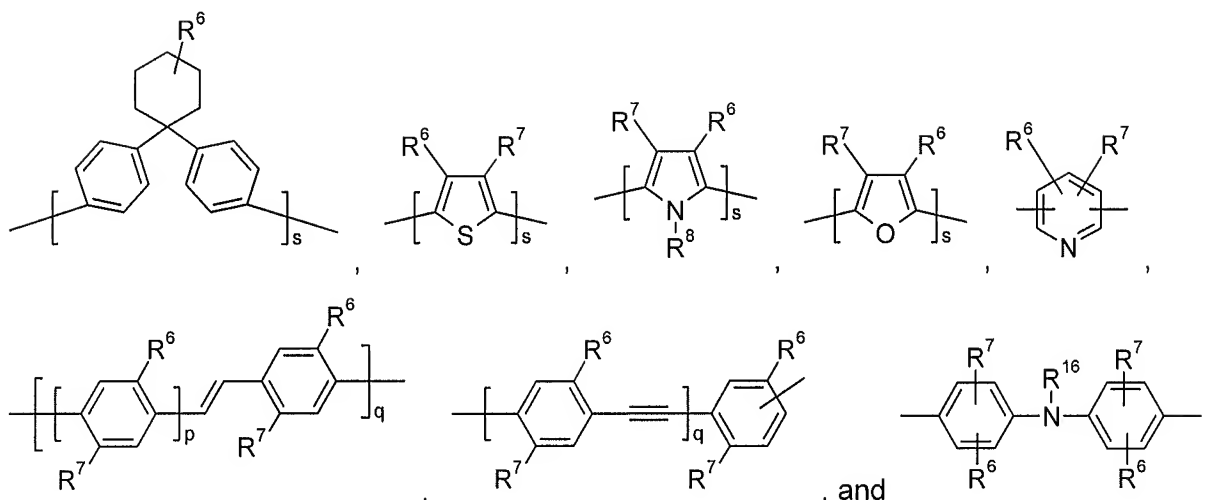
(I); wherein

R<sup>1</sup> is C<sub>6-24</sub>aryl or C<sub>2-20</sub> heteroaryl each of which optionally can be substituted, and R<sup>2</sup> is H, X<sup>1</sup> and X<sup>2</sup> are independently of each other a divalent linking group which co-polymer also



comprises a co-monomer T which is selected from the group consisting of





wherein

$R^{16}$  is H,  $C_6-C_{18}$ aryl,  $C_6-C_{18}$ aryl which is substituted by  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl,  $C_7-C_{25}$ aralkyl, or  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ ,

p is an integer from 1 to 10,

q is an integer from 1 to 10,

s is an integer from 1 to 10,

$R^6$  and  $R^7$  are independently of each other H,  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D,  $C_5-C_{12}$ cycloalkyl,  $C_5-C_{12}$ cycloalkyl, which is substituted by E,  $C_6-C_{24}$ aryl,  $C_6-C_{24}$ aryl which is substituted by E,  $C_2-C_{20}$ heteroaryl,  $C_2-C_{20}$ heteroaryl which is substituted by E,  $C_2-C_{18}$ alkenyl,  $C_2-C_{18}$ alkynyl,  $C_1-C_{18}$ alkoxy,  $C_1-C_{18}$ alkoxy which is substituted by E and/or interrupted by D,  $C_7-C_{25}$ aralkyl, or  $-CO-R^{28}$ ,

$R^8$  is  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D,  $C_6-C_{24}$ aryl, or  $C_7-C_{25}$ aralkyl,

$R^9$  and  $R^{10}$  are independently of each other  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D,  $C_6-C_{24}$ aryl,  $C_6-C_{24}$ aryl which is substituted by E,  $C_2-C_{20}$ heteroaryl,  $C_2-C_{20}$ heteroaryl which is substituted by E,  $C_2-C_{18}$ alkenyl,  $C_2-C_{18}$ alkynyl,  $C_1-C_{18}$ alkoxy,  $C_1-C_{18}$ alkoxy which is substituted by E and/or interrupted by D, or  $C_7-C_{25}$ aralkyl, or

$R^9$  and  $R^{10}$  form a five- or six-membered ring, which may optionally be substituted by  $R^6$ ,

$R^{14'}$  and  $R^{15'}$  are independently of each other H,  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D,  $C_6-C_{24}$ aryl,  $C_6-C_{24}$ aryl which is substituted by E,  $C_2-C_{20}$ heteroaryl, or  $C_2-C_{20}$ heteroaryl which is substituted by E,

D is  $-CO-$ ,  $-COO-$ ,  $-S-$ ,  $-SO-$ ,  $-SO_2-$ ,  $-O-$ ,  $-NR^{25}-$ ,  $-SiR^{30}R^{31}-$ ,  $-POR^{32}-$ ,  $-CR^{23}=CR^{24}-$ , or  $-C\equiv C-$ , and

E is  $-OR^{29}$ ,  $-SR^{29}$ ,  $-NR^{25}R^{26}$ ,  $-COR^{28}$ ,  $-COOR^{27}$ ,  $-CONR^{25}R^{26}$ ,  $-CN$ ,  $-OCOOR^{27}$ , or halogen, wherein

$R^{23}$ ,  $R^{24}$ ,  $R^{25}$  and  $R^{26}$  are independently of each other H,  $C_6-C_{18}$ aryl,  $C_6-C_{18}$ aryl which is substituted by  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkoxy,  $C_1-C_{18}$ alkyl, or  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ , or

$R^{25}$  and  $R^{26}$  together form a five or six membered ring,  $R^{27}$  and  $R^{28}$  are independently of each other H,  $C_6-C_{18}$ aryl,  $C_6-C_{18}$ aryl which is substituted by  $C_1-C_{18}$ alkyl, or  $C_1-C_{18}$ alkoxy,  $C_1-C_{18}$ alkyl, or  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ ,

$R^{29}$  is H,  $C_6-C_{18}$ aryl,  $C_6-C_{18}$ aryl, which is substituted by  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkoxy,  $C_1-C_{18}$ alkyl, or  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ ,

$R^{30}$  and  $R^{31}$  are independently of each other  $C_1-C_{18}$ alkyl,  $C_6-C_{18}$ aryl, or  $C_6-C_{18}$ aryl, which is substituted by  $C_1-C_{18}$ alkyl, and

$R^{32}$  is  $C_1-C_{18}$ alkyl,  $C_6-C_{18}$ aryl, or  $C_6-C_{18}$ aryl, which is substituted by  $C_1-C_{18}$ alkyl, or

$R^9$  and  $R^{10}$  together form a group of formula  $=CR^{100}R^{101}$ , wherein

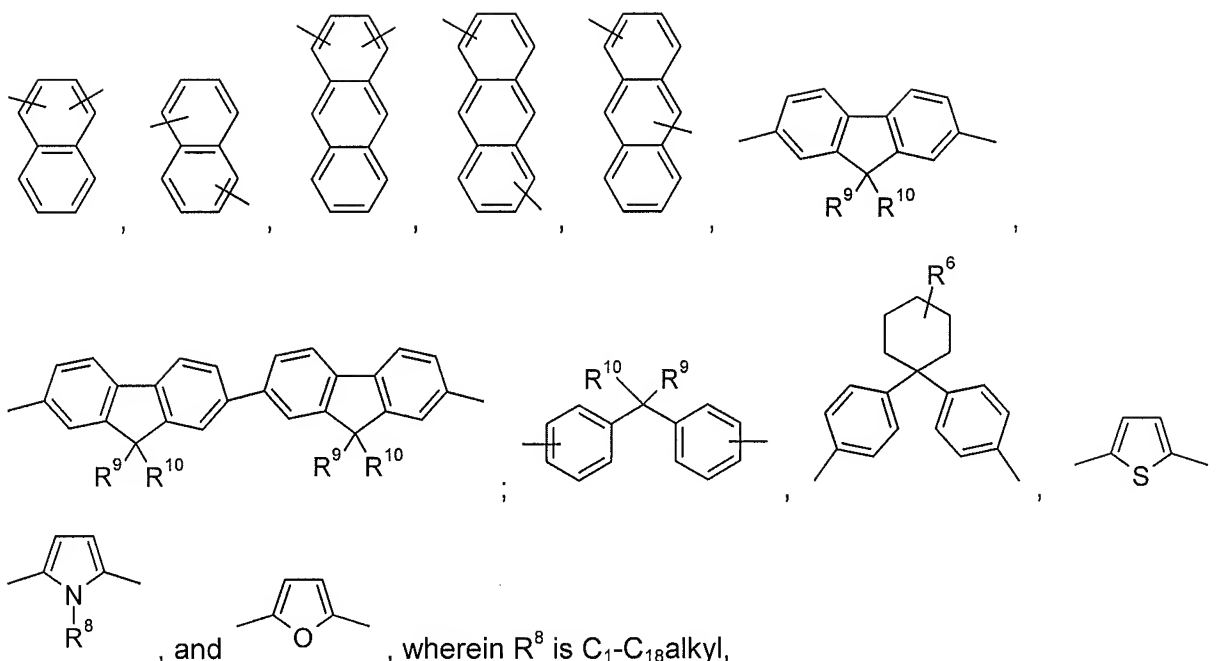
$R^{100}$  and  $R^{101}$  are independently of each other H,  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D,  $C_6-C_{24}$ aryl,  $C_6-C_{24}$ aryl which is substituted by E, or  $C_2-C_{20}$ heteroaryl, or  $C_2-C_{20}$ heteroaryl which is substituted by E, and

$R^{14}$  and  $R^{15}$  are independently of each other H,  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D,  $C_6-C_{24}$ aryl,  $C_6-C_{24}$ aryl which is substituted by E, or  $C_2-C_{20}$ heteroaryl,  $C_2-C_{20}$ heteroaryl which is substituted by E.

## 5. (cancelled)

6.(previously presented) A polymer according to claim 4, comprising a co-monomer T which is selected from the group consisting of

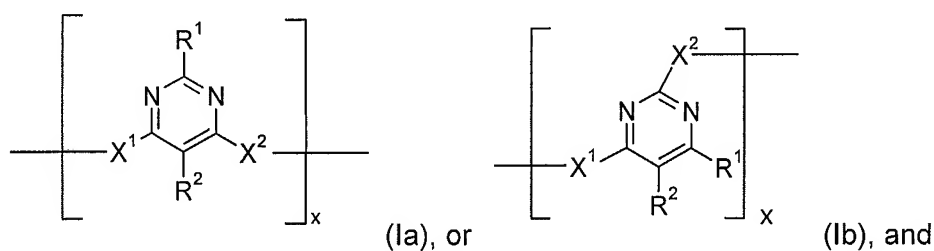




$R^9$  and  $R^{10}$  are independently of each other  $C_1$ - $C_{18}$ alkyl, which can be interrupted by one or two oxygen atoms, or

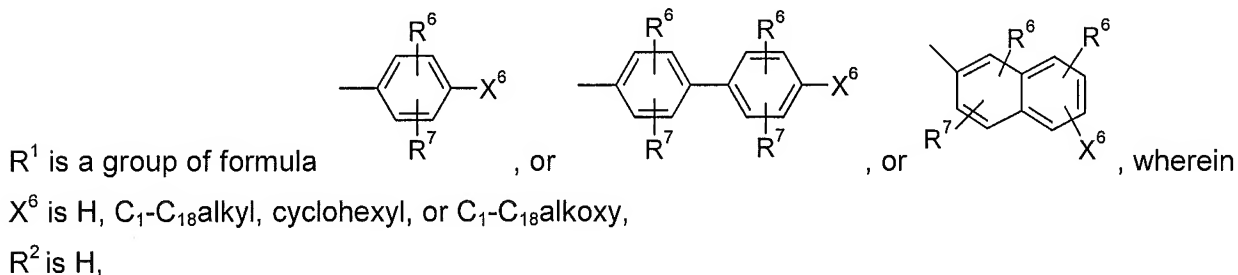
$R^9$  and  $R^{10}$  form a five or six membered carbocyclic ring, which optionally can be substituted by  $C_1$ - $C_8$ alkyl.

7. (previously presented) A polymer according to claim 4, comprising a repeating unit of formula

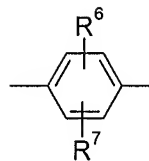


a co-monomer  $\left[ T \right]_y$ , wherein

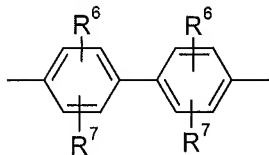
x is in the range of 0.4 to 0.6, and y is in the range of 0.6 to 0.4, wherein the sum of x and y is 1,



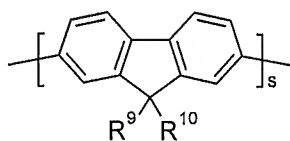
X<sup>1</sup> and X<sup>2</sup> are independently of each other a group of formula



, or



, and



T is a group of formula

, wherein s is one or two, and R<sup>9</sup> and R<sup>10</sup> are

independently of each other C<sub>1</sub>-C<sub>18</sub>alkyl, which can be interrupted by one or two oxygen atoms, and

R<sup>6</sup> and R<sup>7</sup> are independently of each other H, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>5</sub>-C<sub>12</sub>cycloalkyl, C<sub>6</sub>-C<sub>24</sub>aryl, which can be substituted by -O-C<sub>1</sub>-C<sub>12</sub>alkyl, or C<sub>1</sub>-C<sub>18</sub>alkoxy.

**8-21. (cancelled)**